

## **REMARKS**

### **I. The Amendments to the Claims**

The present paper presents an amendment to the claims canceling pending claims 1-129 and presenting new claims 130-192 for consideration. New claims 130-192 are fully supported by the application as filed, and therefore present no new matter.

In particular, support for new claim 130 may be found, for example, in the specification at page 30, lines 11-17, at page 54, lines 7-12, page 65, lines 22-30, at page 66, lines 3-16, at page 70, lines 16-21, and in claim 21 as filed. Support for new claim 131 may be found, for example, in the specification at page 30, lines 11-17, and at page 54, lines 7-12. Support for new claim 132 may be found, for example, in the specification at page 30, lines 11-17, and at page 54, lines 7-12. Support for new claim 133 may be found, for example, in claim 21 as filed. Support for new claim 134 may be found, for example, in the specification at page 78, lines 10-15. Support for new claim 135 may be found, for example, in the specification at page 78, lines 18-21. Support for new claim 136 may be found, for example, in the specification at page 82, lines 3-7. Support for new claim 137 may be found, for example, in the specification at page 66, lines 5-11. Support for new claim 138 may be found, for example, in the specification at page 65, lines 22-30.

Support for new claim 139 may be found, for example, in the specification at page 133, lines 24-29. Support for new claim 140 may be found, for example, in the specification at page 133, lines 15-16. Support for new claim 141 may be found, for example, in the specification at page 136, lines 23-26. Support for new claim 142 may be found, for example, in claims 92 and 94 as filed. Support for new claim 143 may be found, for example, in the specification at page 133, lines 24-29. Support for new claim 144 may be found, for example, in the specification at page 133, lines 24-29. Support for new claim 145 may be found, for example, in the specification at page 69, lines 17-24. Support for new claim 146 may be found, for example, in the specification at page 69, lines 17-24. Support for new claim 147 may be found, for example, in the specification at page 82, lines 6-10. Support for new claim 148 may be found, for example, in the specification at page 82, lines 6-10. Support for new claim 149 may be found, for example, in the specification at page 82, lines 6-10.

Support for new claim 150 may be found, for example, in the specification at page 82, lines 6-10. Support for new claim 151 may be found, for example, in the specification at page 82, lines 6-10. Support for new claim 152 may be found, for example, in the specification at page 132, lines 13-15. Support for new claim 153 may be found, for

example, in the specification at page 132, lines 13-15. Support for new claim 154 may be found, for example, in claim 94 as filed. Support for new claim 155 may be found, for example, in claim 95 as originally filed. Support for new claim 156 may be found, for example, in claim 96 as originally filed. Support for new claim 157 may be found, for example, in claim 97 as originally filed. Support for new claim 158 may be found, for example, in the specification at page 136, lines 2-10 and in Figure 7D as filed. Support for new claim 159 may be found, for example, in the specification at page 136, lines 2-10 and in Figure 7D as filed.

Support for new claim 160 may be found, for example, in the specification at page 138, line 31 to page 139, line 5 and in Figure 7E as filed. Support for new claim 161 may be found, for example, in the specification at page 138, line 31 to page 139, line 5 and in Figure 7E as filed. Support for new claim 162 may be found, for example, in the specification at page 30, lines 11-17, at page 54, lines 7-12, page 65, lines 22-30, at page 66, lines 3-16, at page 70, lines 16-21, at page 132, lines 4-7, and in claim 92 as filed. Support for new claim 163 may be found, for example, in claim 93 as filed. Support for new claim 164 may be found, for example, in the specification at page 30, lines 11-17, and at page 54, lines 7-12. Support for new claim 165 may be found, for example, in the specification at page 30, lines 11-17, and at page 54, lines 7-12. Support for new claim 166 may be found, for example, in the specification at page 78, lines 10-15. Support for new claim 167 may be found, for example, in the specification at page 78, lines 18-21. Support for new claim 168 may be found, for example, in the specification at page 66, lines 5-11. Support for new claim 169 may be found, for example, in the specification at page 65, lines 22-30.

Support for new claim 170 may be found, for example, in the specification at page 133, lines 24-29. Support for new claim 171 may be found, for example, in the specification at page 133, lines 15-16. Support for new claim 172 may be found, for example, in the specification at page 136, lines 23-26. Support for new claim 173 may be found, for example, in claims 92 and 94 as filed. Support for new claim 174 may be found, for example, in the specification at page 133, lines 24-29. Support for new claim 175 may be found, for example, in the specification at page 133, lines 24-29. Support for new claim 176 may be found, for example, in the specification at page 69, lines 17-24. Support for new claim 177 may be found, for example, in the specification at page 69, lines 17-24. Support for new claim 178 may be found, for example, in the specification at page 82, lines 6-10. Support for new claim 179 may be found, for example, in the specification at page 82, lines 6-10.

Support for new claim 180 may be found, for example, in the specification at page 82, lines 6-10. Support for new claim 181 may be found, for example, in the specification at page 82, lines 6-10. Support for new claim 182 may be found, for example, in the specification at page 82, lines 6-10. Support for new claim 183 may be found, for example, in the specification at page 132, lines 13-15. Support for new claim 184 may be found, for example, in the specification at page 132, lines 13-15. Support for new claim 185 may be found, for example, in claim 94 as filed. Support for new claim 186 may be found, for example, in claim 95 as originally filed. Support for new claim 187 may be found, for example, in claim 96 as originally filed. Support for new claim 188 may be found, for example, in claim 97 as originally filed. Support for new claim 189 may be found, for example, in the specification at page 136, lines 2-10 and in Figure 7D as filed. Support for new claim 190 may be found, for example, in the specification at page 136, lines 2-10 and in Figure 7D as filed. Support for new claim 191 may be found, for example, in the specification at page 196, line 31 to page 139, line 5 and in Figure 7E as filed. Finally, support for new claim 192 may be found, for example, in the specification at page 196, line 31 to page 139, line 5 and in Figure 7E as filed.

In view of the foregoing, Applicants respectfully submit that the new claims are fully supported by the present application as filed. Accordingly, the amendment to the claims presents no new matter. Therefore, entry of the instant amendment to the claims is respectfully requested pursuant to 37 C.F.R. § 1.115.

## **II. Restriction**

In response to the restriction requirement, Applicants elect to prosecute the claims of Group II, drawn, according to the PTO, to methods using a resistance test vector, without traverse.

## **III. Election of Species**

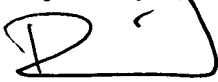
In response to the requirement to elect a single disclosed species for prosecution on the merits, Applicants hereby elect the species identified by the PTO as species II(d). Applicants believe new claims 130-154, 156, 157, 162-185, 187, and 188 read on the elected species. Further, Applicants expressly reserve the right to have new claims 155, 158-161, 186, and 189-192 considered and rejoined to the remaining claims upon allowance of generic claims 130 and 160.

### CONCLUSION

Applicants believe no fee is due with this response beyond the extension of time fee. However, the Commissioner is authorized to charge all required fees, fees under 37 C.F.R. § 1.17 and all required extension of time fees, or credit any overpayment, to Jones Day Deposit Account No. 50-3013 (order number 101962-999035).

Date: September 28, 2004

Respectfully submitted,



David C. Pauling for  
Nikolaos C. George (Reg. No. 39,201)

**JONES DAY**

222 East 41<sup>st</sup> Street

New York, New York 10017-6702

(212) 326-3939

56,056

(Reg. No.)